Haris Muda Pratama, ST, M.Sci

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Website Link: Tableau | GitHub | Linkedin

Career Objective

Dedicated and accomplished as junior data analytic. Passionate about data scientist and data analytic bring me to switching from my latest job. More than 10-year work experience as a mechanical engineer, sales engineer, and research in university make me look for another challenge to switch careers as data analytic.

Education

Data Scientist
Purwadhika Digital Technology School (February 2024 – Present)

Master Degree
North China Electric Power University October 2017 – September 2020 (Beijing, China)
Major: Power Engineer and Thermal Physic.

Bachelor
Mercu Buana University 2012 – 2015 (Jakarta)
Major: Industrial Engineering

Diploma
Politeknik Negeri Jakarta 2004 – 2007 (Depok)
Major: Mechanical Design Engineering

Work Experiences

PT. SINO ZONE INDUSTRY INDONESIA (CPO)
April 2021 - August 2023 (Manager of Instrument and DCS)
Job Description:
- Build and Configure system DCS adjusted to actual condition on site.
- Initiates and manages DCS hardware, software and Process Control Network upgrades.
- Prepares the technical documentation for instrumentation and systems requisitions and performs the technical evaluations.
- Prepares specifications for instruments, systems (DCS, ESD, F&G) and installation.
- Prepares functional analysis (control, ESD, F&G).

- Trainer DCS Engineering and operator for how to run DCS and repair minor problems.

NORTH CHINA ELECTRIC POWER UNIVERSITY (华北电力大学)
October 2018 - June 2020 (Asst. Professor of Tribology for International Class)
Job Description:
- Teaching for modern technology lecture
- Assistant laboratory Tribology due to lubrication experiment
- Review for international students related with Tribology
- Supervisor for Tribology experiment

PT. NOMURA EXPORINDO
March 2014 – July 2017 (Manager of R & D Department)
- Planer for new project related with technical matter such as preparation workflow process, HSSE, job desk for field team
- Research and analytic for reliabilities new project, also monitoring and controlling for existing project.
- Preparation for administration documents, technical documents, legal documents, export import documents before Aanwijzing.
- As a leader duty Coaching and training team to build a good relationship as team and created a dream team

PT. NSK INDONESIA
December 2008 – February 2014 (Engineering Staff)
Job Description as Quality insurance (QA)
- Conduct inspections, tests, and assessments of products, services, or processes to ensure compliance with quality standards and regulations.
- Identify areas for improvement in existing processes and procedures to enhance quality, efficiency, and productivity.
- Maintain accurate and detailed records of quality assurance activities, including test results, inspection findings, and corrective actions taken.
- Stay up-to-date on industry regulations, standards, and best practices related to quality assurance and ensure compliance within the organization.
- Assess potential risks to quality and develop strategies to mitigate or eliminate them.
- Provide training and support to employees on quality assurance processes, procedures, and tools.
- Investigate and resolve quality-related issues, complaints, or non-conformities in a timely and effective manner.
- Collaborate with cross-functional teams, including production, engineering, and customer service, to address quality-related concerns and drive continuous improvement.
- Identify and protect intellectual property through patent filings, disclosures, and other appropriate means to safeguard innovations and maintain a competitive advantage.

Project Experience

Purwadhika Digital School
February 2024 - Present
Project of Data Scientist:
- Created a program in school project, which the concept related with Create, Read, Update, and Delete (CRUD). This program was created with the reason for understanding how to implement python into a program. This program is about how to create, read, update, delete for some databases. and also challenges how to build and synchronize every syntax to show a good program to use. GitHub
- Managed database by SQL, this is how to segmentation, clustering, and classification big data base on necessaries
- Visualization of data, how to describe data as visualization to make reviewer understand to read data with respectively. the visualization created by Tableau. Tableau

Organization

- Administrator of International Student community NCEPU
- Member of Beijing Tribology scientist
- Member of Electric vehicle Indonesia community (KOLEKSI)
- Member of Ikatan Motor Indonesia (IMI)

Courses & Seminar

- ILP English course
- Beijing linguistic program (NCEPU)
- Lubricant technology scient (Beijing Research Center)
- Bearing technology (NSK)

Teaching Experiences

- International class bachelor and Master for modern technology
- Mechanical Design Class for 3D printing, Ansys Program and Solid Work

Data Science Skill:

- Python
- SQL
- Tableau

Linguistic Skill

- Indonesia
- English
- Mandarin (Beginner)